

- Chang, C.F., see Chen, J.M. 337 (2001) 85
- Chen, J.M., P. Nachimuthu, J.Y. Lin, I.P. Hong, C.F. Chang and H.D. Yang, Origin of size effect on superconductivity in  $(\text{R}_{0.8}\text{Pr}_{0.2})\text{Ba}_2\text{Cu}_3\text{O}_7$  studied by soft X-ray absorption spectroscopy 337 (2001) 85
- Chen, M.-D., B.-Y. Tang, K.-L. Han and N.-Q. Lou, Quasi-classical trajectory study of the  $\text{DCI}/\text{HCl}$  product branching ratios for the  $\text{Cl} + \text{HD}$  reaction on  $\text{BW2}$  potential energy surface 337 (2001) 349
- Chen, Y. and M.R. Topp, Conformational barrier crossing in the water dimer cluster of coumarin 151 studied by infrared–optical double-resonance spectroscopy 337 (2001) 284
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- Cremer, D., E. Kraka and C. Sosa, First evidence for the production of OH radicals by carbonyl oxides in solution phase – A DFT investigation 337 (2001) 199
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- Dynarowicz-Lątka, P., A. Cavalli, D.A. Silva Filho, P. Milart, M. Cristina dos Santos and O.N. Oliveira, Quantitative treatment of surface potentials in Langmuir films from aromatic amphiphiles 337 (2001) 11
- Eklund, P.C., see Adu, C.K.W. 337 (2001) 31
- Elorza, J.M., see Sarasola, C. 337 (2001) 355
- Evans, C.M. and G.L. Findley, Pressure studies of subthreshold photoionization:  $\text{CH}_3\text{I}$  perturbed by  $\text{CF}_4$  and  $c\text{-C}_4\text{F}_8$  337 (2001) 375
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- Furuhashi, O., T. Kinugawa, S. Masuda, C. Yamada and S. Ohtani, Double charge transfer spectroscopy for  $\text{N}_2^{2+}$  and  $\text{CO}^{2+}$  at vibrational resolution 337 (2001) 94
- Gaemers, S., see Burnell, E.E. 337 (2001) 248
- Gálvez, O., P.C. Gómez and L.F. Pacios, Approximate kinetic energy density for intermolecular regions in hydrogen bond dimers 337 (2001) 263

- Ganapathi, M.R., S. Naumov, R. Hermann and O. Brede, Nucleophilic effects on the deprotonation of phenol radical cations 337 (2001) 335
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- Hanrath, M. and S.D. Peyerimhoff, The electronic spectrum of  $C_5$  337 (2001) 368
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- Hino, S., K. Umishita, K. Iwasaki, M. Aoki, K. Kobayashi, S. Nagase, T. John, S. Dennis, T. Nakane and H. Shinohara, Ultraviolet photoelectron spectra of metallofullerenes, two  $Ca@C_{82}$  isomers 337 (2001) 65
- Hirahara, K., see Bandow, S. 337 (2001) 48
- Hong, I.P., see Chen, J.M. 337 (2001) 85
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- Ideue, S., K. Sakamoto, K. Honma and D.E. Clemmer, Conformational change of electrosprayed cytochrome *c* studied by laser-induced fluorescence 337 (2001) 79
- Ignatyev, I.S., H.F. Schaefer III and P. von Ragué Schleyer, Triplet states of carbenium and silylium cations 337 (2001) 158
- Ignatyev, I.S., H.F. Schaefer III and P. von Ragué Schleyer, Triplet states of carbenium and silylium cations 337 (2001) 169
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- Jin, Z., K.P. Pramada, G. Xu and S.H. Goh, Dynamic mechanical behavior of melt-processed multi-walled carbon nanotube/poly(methyl methacrylate) composites 337 (2001) 43
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- Kasuya, D., F. Kokai, K. Takahashi, M. Yudasaka and S. Iijima, Formation of  $C_{60}$  using  $CO_2$  laser vaporization of graphite at room temperature 337 (2001) 25

- Kawamata, H., Y. Negishi, A. Nakajima and K. Kaya, Electronic properties of substituted aluminum clusters by boron and carbon atoms ( $Al_nB_m^-/Al_nC_m^-$ ); new insights into *s-p* hybridization and perturbed shell structures 337 (2001) 255
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- Li, Y., S. Wang, F. Li, C. Du, Z. Shi, D. Zhu and Y. Song, Preparation and optical limiting properties of polycarbonates containing fullerene unit 337 (2001) 403
- Li, Z., see Zhang, F. 337 (2001) 125
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- Li, Z.-H. and M.W. Wong, Scaling of correlation basis set extension energies 337 (2001) 209
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- Louis-Joseph, A., D. Abergel, I. Lebars and J.-Y. Lallemand, Enhancement of water suppression by radiation damping-based manipulation of residual water in Jump and Return NMR experiments 337 (2001) 92
- Luo, Y., H. Ågren, M. Keil, R. Friedlein and W.R. Salaneck, A theoretical investigation of the near-edge X-ray absorption spectrum of hexa-*peri*-hexabenzocoronene 337 (2001) 176
- Luty, B.A., see Verkhivker, G.M. 337 (2001) 181
- Ma, R., Y. Bando and T. Sato, CVD synthesis of boron nitride nanotubes without metal catalysts 337 (2001) 61
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- Miyawaki, J. and K. Kaneko, Pore width dependence of the temperature change of the confined methane density in slit-shaped micropores 337 (2001) 243

- Moraldi, M., see Ceccherini, S. 337 (2001) 386
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- Okazaki, I., Y. Hara and M. Nagaoka, On vibrational cooling upon photodissociation of carbonmonoxymyoglobin and its microscopic mechanism from the viewpoint of vibrational modes of heme 337 (2001) 151
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- Peeters, R., G. Berden, A. Ólafsson, L.J.J. Laarhoven and G. Meijer, Cavity enhanced absorption spectroscopy in the 10  $\mu\text{m}$  region using a waveguide  $\text{CO}_2$  laser 337 (2001) 231
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- Priyakumar, U.D., T.C. Dinadayalane and G.N. Sastry, An ab initio and DFT study of the valence isomers of pyridine 337 (2001) 361
- Puranik, M., J. Chandrasekhar and S. Umapathy, Structure of the triplet excited state of tetrabromo-*p*-benzoquinone from time-resolved resonance Raman spectra and ab initio calculations 337 (2001) 224
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- Raina, G. and G.U. Kulkarni, A molecular beam study of water-methanol clusters 337 (2001) 269
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- Rocha, A.B. and C.E. Bielschowsky, Intensity of the  $n \rightarrow \pi^*$  symmetry-forbidden electronic transition in acetone by direct vibronic coupling mechanism 337 (2001) 331
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- Rosca, F., D. Ionascu, A.T.N. Kumar, A.A. Demidov and P.M. Champion, Femtosecond coherence spectroscopy using spectrally selective differential photo-detection 337 (2001) 107
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- Ruud, K., P.R. Taylor and P.-O. Åstrand, Zero-point vibrational effects on optical rotation 337 (2001) 217
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- Sarasola, C., J.E. Fowler, J.M. Elorza and J.M. Ugalde, On the critical stability of dipole bound dianions 337 (2001) 355
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- Shinoda, K., S. Miura and S. Okazaki, Isotope effect on the structure of quantum fluid: a generalized Ornstein–Zernike analysis 337 (2001) 306
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- Simons, J., see Skurski, P. 337 (2001) 143
- Skurski, P., M. Gutowski, R. Barrios and J. Simons, Non-ionic and zwitterionic forms of neutral arginine – an ab initio study 337 (2001) 143
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- Sosa, C., see Cremer, D. 337 (2001) 199
- Spichiger, D., G. Carver, C. Dobe, J. Bendix, P.L.W. Tregenna-Piggott, R. Meier and G. Zahn, Electronic Raman transitions from the vanadium(III) hexa-aqua cation, in guanidinium vanadium sulphate 337 (2001) 391
- Stert, V., P. Farmanara, H.-H. Ritze, W. Radloff, K. Gasmi and A. Gonzalez-Ureña, Femtosecond time-resolved electron spectroscopy of the intracuster reaction in Ba ...FCH<sub>3</sub> 337 (2001) 299
- Sugny, D. and M. Joyeux, A new canonical perturbation procedure for studying nonadiabatic dynamics 337 (2001) 319
- Sumanasekera, G.U., see Adu, C.K.W. 337 (2001) 31
- Sun, F., G.P. Glass and R.F. Curl, The photolysis of NO<sub>2</sub> at 193 nm 337 (2001) 72
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- Theander, M., M. Svensson, A. Ruseckas, D. Zigmantas, V. Sundström, M.R. Andersson and O. Inganäs, High luminescence from a substituted polythiophene in a solvent with low solubility 337 (2001) 277
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- Turchanin, A., D. Nattland and W. Freyland, Surface freezing in a liquid eutectic Ga–Bi alloy 337 (2001) 5
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- Umapathy, S., see Puranik, M. 337 (2001) 224
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- van Beek, M.C. and J.J. ter Meulen, An intense pulsed electrical discharge source for OH molecular beams 337 (2001) 237
- Verkhivker, G.M., P.A. Rejto, D. Bouzida, S. Arthurs, A.B. Colson, S.T. Freer, D.K. Gehlhaar, V. Larson, B.A. Luty, T. Marrone and P.W. Rose, Parallel simulated tempering dynamics of ligand–protein binding with ensembles of protein conformations 337 (2001) 181
- Volkov, V.V., Z.L. Wang and B.S. Zou, Carrier recombination in clusters of NiO 337 (2001) 117
- von Ragué Schleyer, P., see Ignatyev, I.S. 337 (2001) 158
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- Winkler, B., C.J. Pickard, V. Milman and G. Thimm, Systematic prediction of crystal structures 337 (2001) 36
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- Zell, C.A. and W. Freyland, In situ STM and STS study of  $\text{Ni}_x\text{Al}_{1-x}$  alloy formation on Au(1 1 1) by electrodeposition from a molten salt electrolyte 337 (2001) 293
- Zhang, F., Z. Li and L. Wang, Hexagonal chains with maximal total  $\pi$ -electron energy 337 (2001) 131
- Zhang, F., Z. Li and L. Wang, Hexagonal chains with minimal total  $\pi$ -electron energy 337 (2001) 125
- Zhang, Z., X.H. Fan, L. Xu, C.S. Lee and S.T. Lee, Morphology and growth mechanism study of self-assembled silicon nanowires synthesized by thermal evaporation 337 (2001) 18
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